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Coke at Variable Temperatures and Flow Rates, by
G. Glas, E. Djernæs, 10 pp.

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WHAT IS MEEHANITE (Was ist Meehanite)
(1963) [21p] (foreign text included 14refs
Order from SLA \$2.60 TT-64-10541

Trans. of Gieseckel (West Germany) 1953,
v. 40, no. 14, p. 354-359.

DESCRIPTORS: *Iron alloys, *Castings, Graphite,
Crystallization, Mechanical properties, Manufacturing
methods, Transformations, Austenite, Martensite.

(Metallurgy--Ferrous Metals, TT, v. 11, no. 6)

TT-64-10541

1. Title: Meehanite
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Office of Technical Services

The Physical and Mathematical Basis for Calculating
the Cooling of the Ingot in Continuous Casting
by Means of Difference Equations, by
H. Klein,

GERMAN, per, Giesserei, No 10, March 1953,
pp 441-454.

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 Tr No B-TM-153-54,
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The Carbon Dioxide Hardening Method in the Foundry,
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pp. 678-681.

SLA-TT-64-20376

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On the Ladle Treatment of Cast Iron with
Magnesium Metal, by A. Wittmoser.

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pp 105-108.

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Physical Experiments in Casting and Gating Practice,
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GERMAN, per, Giesserei, 1954, v.41, no.11,
pp.283-288.
SLA-TT-64-20377

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Contribution to the Formation of Spherical Graphite
In Cast Iron, by Borut Marincek, 36 p.

GENOVA, per, Giesserei, 1954, Vol XLI, No 12,
pp 313-320.

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<p>Löhbecke, E[rnst]. LINING OF BASIC CUPOLAS; A CRITICAL REVIEW OF THE LITERATURE ON THE PRESENT STATE OF DEVELOPMENT OF BASIC REFRactories. THE POSSIBILITIES OF USING THEM WITH OR WITHOUT COOLERS IN THE CUPOLA. [Aug 55] 20p. (4 figs. omitted) 137 refs. Order from SLA mi\$2.40, ph\$3.30 60-18300 Trans. of <u>Glasserei</u> (West Germany) 1954. v. 41 (no. 19) p. 477-485.</p> <p>(Materials--Refractories. TT. v. 5. no. 2)</p>	<p>60-18300</p> <p>1. Cupola furnaces--Materials 2. Refractory materials-- Development I. Löhbecke, E. II. Title: Critical...</p> <p>142,802</p> <p>Office of Technical Services</p>	
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Coke Evaluation by the Cupola Furnace, by H.
Jungbluth.

QINNELL, per, Giesserei, Vol XLII, 1955, pp 2-6.

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Sci = Engr

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The Surface Tension of Cast Iron Treated With
Cerium, by Rudolf Gautschi, Borut Marincek, 7 p.

GERMAN, per, Giesmeyer, 1955, Vol. XLII, No 6,
pp 121-123.

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A Study of Combustion in the Cupola Furnace, by
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pp 164-127.

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<p>Busch, Heinz. A NEW FORM MATERIAL BINDER. [1963] 14p. (figs. omitted) 1 ref. Order from SLA \$1.60</p> <p>Trans. of Gleasserel (West Germany) 1955, v. 42, no. 8, p. 187-191.</p> <p>DESCRIPTORS: *Binders, *Plastics, Oils, *Molding, Sand, Casting, Foundries, Mechanical properties, Economics, Steel, Castings, Adhesives, Material forming.</p> <p>With the development of solidification oils on artificial resin base in the grades No. 1, 2 and 3 an attempt was made to combine the good properties of the solidi- fication oils with those of the artificial resins and to employ them in steel foundries. The experiments achieved the goal of mass producing finished cores (Materials--Adhesives, TT, v. 10, no. 5) (over)</p>	<p>63-14637</p> <p>I. Busch, H.</p> <p>63-14637</p> <p>Office of Technical Services</p>
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pp 236-237.

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pp 273-279.

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Operation of the Hot-Blast Cupola, by W. Haas.

GERMAN, per, Die Gießerei, Vol XLII, No 11,
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Sci - Minerals/Metals

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Interaction Between Steel and Moulding Material, by
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Inoculation and Inoculants in Metal Melts, by E. Scheil, 33 pp.

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SLA Tr 57-266

Sci - Minerals/Metals
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The Influence of Some Elements on Spheroidal Graphite Formation in Cast Iron, by J. Verelst,
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Methods of Determining Shrinkage Cavities in Cast Iron, by A. Wittmoser.

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pp 540-47.

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Effects of Treatment of Cast Alloy Melts,
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Nondestructive Testing of Castings by
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pp 216-227.

SLA 59-20991

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Graphite Separation by Gas Treatment of a Cast Iron Melt, by George Blanc, Nicolas Volianik, 62 p.

GERMAN, per, Giesserei, 1957, Vol XLIV, No 10,
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Patterns of Oxide Skins on Liquid Cast Iron, by
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the Influence of Activation on Wet Strength, by
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BISI 2039

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